Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 19 Mar 2021 until 23:59 on Saturday 20 Mar 2021

Forecast Issued on Thursday 18 Mar 2021 at 16:35

Confidence: High for largely settled but rather cloudy conditions through into the weekend but lower for details regarding cloud amounts and for timing of a return to more unsettled conditions next week.

Headline for Friday 19 Mar 2021: Cloudy with occasional drizzle and extensive hill fog slowly lifting. Occasionally strong northeasterly winds easing.

Mountain weather hazards on Friday 19 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Drizzle	Drizzle	Drizzle	Fog	Fog	Cloudy	Cloudy
Precipitation probability							
30%	50%	50%	50%	20%	10%	10%	10%

Forecast for Friday 19 Mar 2021

Weather: Cloudy with extensive hill fog and, especially across eastern hills, outbreaks of light drizzle, however cloud lifts a little through the afternoon and drizzle becomes patchier.

Chance of cloud free mountain/hill tops above 600m: Little chance through the day.

Visibility: Periods or persistent cloud above 300-450m rising to 600m during in the afternoon and evening. Away from cloud, visibility good falling to just a few kilometres in drizzle.

Forecast for Friday 19 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 NE	15/22 NE	17/23 NE	18/26 NE	18/25 NE	10/15 NE	7/10 NE	6/9 N	4/7 NW
300	10/21 N	13/27 NE	12/25 NE	8/20 NE	9/18 NE	7/13 NE	5/9 NE	3/8 N	2/6 NW
Valley	5/15 N	5/16 N	5/16 NE	8/18 NE	8/18 NE	5/12 NE	3/7 NE	2/6 NE	1/3 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/-1	4/-2	4/-1	4/-1	5/1	4/1	4/2	3/2
300	7/4	6/2	5/2	6/3	7/4	7/5	6/5	6/5	5/4
Valley	8/7	7/6	7/5	8/6	9/7	10/8	8/8	7/7	6/6
Freezing Level*	1800m	1900m	2100m	2000m	2100m	1900m	1800m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant chill on higher summits for a time through the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 18 Mar 2021	0mm	0mm	1.6mm

Forecast for Saturday 20 Mar 2021

Weather: Mainly dry with cloud breaking through the early hours to leave clear or sunny spells.

Maximum wind: Westerly or northwesterly around 10mph

Chance of cloud free mountain/hill tops above 600m: Around 60% at dawn rising close to 100% by mid-morning. Chances fall again in evening.

Visibility: Occasional or periods of cloud above 600m rising above summits through the morning. Away from cloud visibility generally good or very good.

Temperature: **Valleys:** Around plus 5 Celsius at dawn rising to plus 14 Celsius by day
At 600m: Plus 5 Celsius
Freezing level: Above summits